

*Adm's*

execution of the flash ROM rewrite mode is started. If the received data is not the last data, the control flow returns to step S1031 to repeat the above process.--

IN THE CLAIMS:

Please cancel Claims 1-14.

Please amend Claims 15-28 as shown in the attached Appendix 2. The claims, as pending in the subject application, read as follows:

*July 31* 25. (Amended) An image forming apparatus forming an image in accordance with control codes, said image forming apparatus comprising:

*B* a first memory medium for storing the control codes to control said image forming apparatus;

display means for displaying messages associated with an image forming operation;

receive means for receiving data from an external apparatus;

a second memory medium for storing the data received by said receive means; and

rewrite means for rewriting the control codes, which have been stored in said first memory medium,

*Added*

wherein, when said display means displays a message informing of the fact that the image forming apparatus is under download of data into said second memory medium, said receive means receives rewrite execution codes, which are adapted to execute rewrite of the control codes, from the external apparatus, the received rewrite execution codes are stored in said second memory medium, said receive means receives control codes from the external apparatus, the received control codes are stored in said second memory medium, and said rewrite means rewrites the control codes, which have been stored in said first memory medium, with the control codes stored in said second memory medium in accordance with the rewrite execution codes stored in said second memory medium.

16. (Amended) The image forming apparatus according to Claim 15, wherein the rewrite execution codes are transferred to a nonvolatile memory medium as said first memory medium and stored therein.

17. (Amended) The image forming apparatus according to Claim 15, wherein the rewrite execution codes are transferred to a volatile memory medium as said first memory medium and stored therein.

*Amended*

18. (Amended) The image forming apparatus according to Claim 15, wherein the rewrite execution codes include address information of said first memory medium for executing rewrite of the control codes, and said rewrite means executes the rewrite of the control codes, which have been stored in said first memory medium, in accordance with the address information.

19. (Amended) The image forming apparatus according to Claim 15, further comprising image forming control means for controlling an image forming process in accordance with the control codes, and switching means for exclusively changing over whether the image forming process is executed by said image forming control means or rewrite of the control codes is executed by said rewrite means.

20. (Amended) The image forming apparatus according to Claim 19, wherein said switching means exclusively changes over using a predetermined switch whether the image forming process is executed by said image forming control means or the rewrite of the control codes is executed by said rewrite means.

21. (Amended) The image forming apparatus according to Claim 19, wherein said switching means exclusively changes over in accordance with a predetermined command transmitted from said external apparatus whether the image forming process is executed by said image forming control means or the rewrite of the control codes is executed by said rewrite means.

22. (Amended) A rewrite control method for an image forming apparatus forming an image in accordance with control codes, which have been stored in a first memory medium, said rewrite control method comprising:

a first receiving step of receiving rewrite execution codes, which are adapted to execute rewrite of the control codes, from an external apparatus;

a first storing step of storing the received rewrite execution codes in a second memory medium;

a second receiving step of receiving control codes from the external apparatus;

a second storing step of storing the received control codes in the second memory medium;

a rewriting step of rewriting the control codes, which have been stored in the first memory medium, with the control codes stored in the second memory medium, in

accordance with the rewrite execution codes stored in said second memory medium; and

a displaying step of displaying a message informing of the fact that the image forming apparatus is under download of data into the second memory medium.

23. (Amended) The rewrite control method for the image forming apparatus according to Claim 22, further comprising a transfer step of transferring the rewrite execution codes from the second memory medium to a nonvolatile memory medium as the first memory medium.

24. (Amended) The rewrite control method for the image forming apparatus according to Claim 22, further comprising a transfer step of transferring the rewrite execution codes from the second memory medium to a volatile ~~memory medium~~ as the first memory medium.

25. (Amended) The rewrite control method for the image forming apparatus according to Claim 22, wherein the rewrite execution codes include address information of the first memory medium for executing rewrite of the control codes, and the rewrite of the control codes is executed in accordance with the address information.

26. (Amended) The rewrite control method for the image forming apparatus according to Claim 22, further comprising an image forming control step of controlling an image forming process in accordance with the control codes, and a switching step of exclusively changing over whether the image forming process is executed by said image forming control step or rewrite of the control codes is executed by said rewriting step.

27. (Amended) The rewrite control method for the image forming apparatus according to Claim 26, wherein said switching step exclusively changes over using a predetermined switch whether the image forming process is executed by said image forming control step or the rewrite of the control codes is executed by said rewriting step.

28. (Amended) The rewrite control method for the image forming apparatus according to Claim 26, wherein said switching step exclusively changes over in accordance with a predetermined command transmitted from said external apparatus whether the image forming process is executed by said image forming control step or the rewrite of the control codes is executed by said rewriting step.